

11-25-03

=> screen 970 AND 2067

L1 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\0988912.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 970 AND 2067

L2 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s l3 sss sam

SAMPLE SEARCH INITIATED 14:18:41 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 29 TO ITERATE

100.0% PROCESSED 29 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 257 TO 903

PROJECTED ANSWERS: 1 TO 80

L4 1 SEA SSS SAM L2 AND L1

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 150048-73-0 REGISTRY

CN 2-Propenoic acid, 2-methyl-, 1-(2-anthracenyl)ethyl ester, polymer with ethenylbenzene (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzene, ethenyl-, polymer with 1-(2-anthracenyl)ethyl

2-methyl-2-propenoate (9CI)

MF (C20 H18 O2 . C8 H8)x

CI FMS

PCT Polyacrylic, Polystyrene

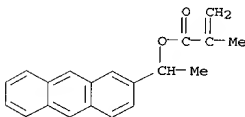
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 54720-11-5

CMF C20 H18 O2



CM 2

CRN 100-42-5

CMF C8 H8

H2C=CH-Ph

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL CAPLUS HCAPLUS USPATFUL
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
2.08 2.29

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:18:58 ON 19 NOV 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE 'HCAPLUS' ENTERED AT 14:18:58 ON 19 NOV 2003
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FILE 'USPATFULL' ENTERED AT 14:18:58 ON 19 NOV 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 14
L5 2 L4

=> d 15 1-2 ibib hitstr

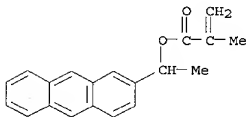
L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1993:562441 CAPLUS
DOCUMENT NUMBER: 119:162441
TITLE: Photochemical dimerization in hydrophilicity
improvement of (in)organic articles
INVENTOR(S): Irie, Masahiro; Kishimoto, Soichiro
PATENT ASSIGNEE(S): Unitika Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05024951	A2	19930202	JP 1991-208592	19910724
PRIORITY APPLN. INFO.: IT 150048-73-0			JP 1991-208592	19910724

RL: USES (Uses)
(plates, hydrophilic treatment for with UV irradi., in presence of
hydrophilic group-contg. anthracenes)
RN 150048-73-0 CAPLUS
CN 2-Propenoic acid, 2-methyl-, 1-(2-anthracenyl)ethyl ester, polymer with
ethenylbenzene (9CI) (CA INDEX NAME)

CM 1

CRN 54720-11-5
CMF C20 H18 O2



CM 2

CRN 100-42-5
CMF C8 H8

$\text{H}_2\text{C}=\text{CH}-\text{Ph}$

L5 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1993:562441 HCAPLUS

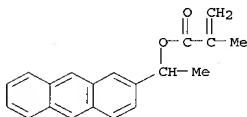
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 INVENTOR(S): Irie, Masahiro; Kishimoto, Soichiro
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CM 1

CRN 54720-11-5
 CMF C20 H18 O2

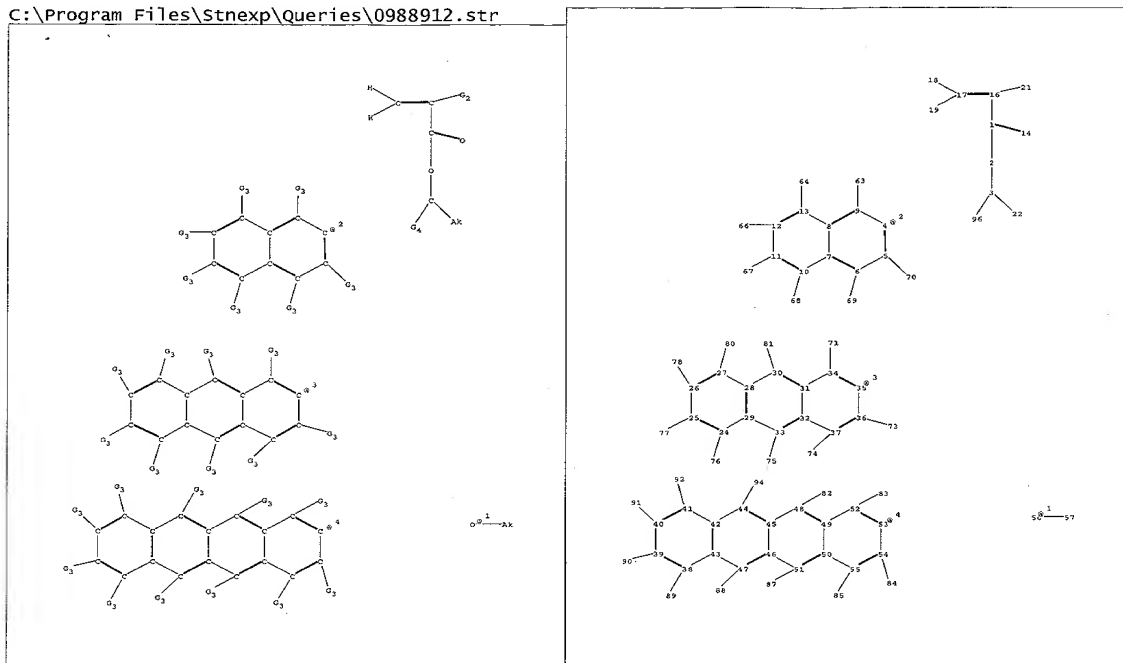


CM 2

CRN 100-42-5
 CMF C8 H8

H₂C=CH-Ph

C:\Program Files\Stnexp\Queries\0988912.str



```

chain nodes :
1 2 3 14 16 17 18 19 21 22 56 57 63 64 66 67 68 69 70 71 73 74 75 76
77 78 80 81 82 83 84 85 87 88 89 90 91 92 94 96
ring nodes :
4 5 6 7 8 9 10 11 12 13 24 25 26 27 28 29 30 31 32 33 34 35 36 37
38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55
chain bonds :
1-2 1-14 1-16 2-3 3-22 3-96 5-70 6-69 9-63 10-68 11-67 12-66 13-64 16-17
16-21 17-18 17-19 24-76 25-77 26-78 27-80 30-81 33-75 34-71 36-73 37-74 38-89
39-90 40-91 41-92 44-94 47-88 48-82 51-87 52-83 54-84 55-85 56-57
ring bonds :
4-9 4-5 5-6 6-7 7-8 7-10 8-9 8-13 10-11 11-12 12-13 24-25 24-29 25-26 26-27
27-28 28-29 28-30 29-33 30-31 31-32 31-34 32-33 32-37 34-35 35-36 36-37 38-39
38-43 39-40 40-41 41-42 42-43 42-44 43-47 44-45 45-46 45-48 46-47 46-51 48-49
49-50 49-52 50-51 50-55 52-53 53-54 54-55
exact/norm bonds :
1-2 1-14 2-3 3-22 3-96 5-70 6-69 9-63 10-68 11-67 12-66 13-64 16-21 24-76
25-77 26-78 27-80 30-81 33-75 34-71 36-73 37-74 38-89 39-90 40-91 41-92 44-94
47-88 48-82 51-87 52-83 54-84 55-85 56-57
exact bonds :
1-16 16-17 17-18 17-19
normalized bonds :
4-9 4-5 5-6 6-7 7-8 7-10 8-9 8-13 10-11 11-12 12-13 24-25 24-29 25-26 26-27
27-28 28-29 28-30 29-33 30-31 31-32 31-34 32-33 32-37 34-35 35-36 36-37 38-39
38-43 39-40 40-41 41-42 42-43 42-44 43-47 44-45 45-46 45-48 46-47 46-51 48-49
49-50 49-52 50-51 50-55 52-53 53-54 54-55

```

G1:H

G2:H,CH3

G3:F,H,[*1]

G4:[*2],[*3],[*4]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 21:CLASS 22:CLASS
24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom
44:Atom 45:Atom 46:Atom 47:Atom 48:Atom 49:Atom 50:Atom 51:Atom 52:Atom 53:Atom
54:Atom 55:Atom 56:CLASS 57:CLASS 63:CLASS 64:CLASS 66:CLASS 67:CLASS 68:CLASS
69:CLASS 70:CLASS 71:CLASS 73:CLASS 74:CLASS 75:CLASS 76:CLASS 77:CLASS 78:CLASS
80:CLASS 81:CLASS 82:CLASS 83:CLASS 84:CLASS 85:CLASS 87:CLASS 88:CLASS 89:CLASS
90:CLASS 91:CLASS 92:CLASS 94:CLASS 96:CLASS

Element Count :

Node 22: Limited
C,C1-4